





# Important Safeguards



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

When servicing use only identical replacement parts

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates important instructions accompanying the product. This symbol indicates "dangerous voltage inside the product that presents a risk of electric shock or personal injury.

#### WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus must not be exposed to ripping or splashing. Objects filled with liquids, such vases or drinking glasses, must never be placed on the apparatus.

#### IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has twoblades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11. Only use attachments/accessories specified by the manufacturer.

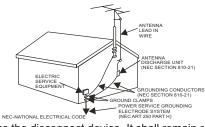
Important safety instructions

# Important Safeguards

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NF PA No. 70-1984(Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrode. See following example.



16. Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use.

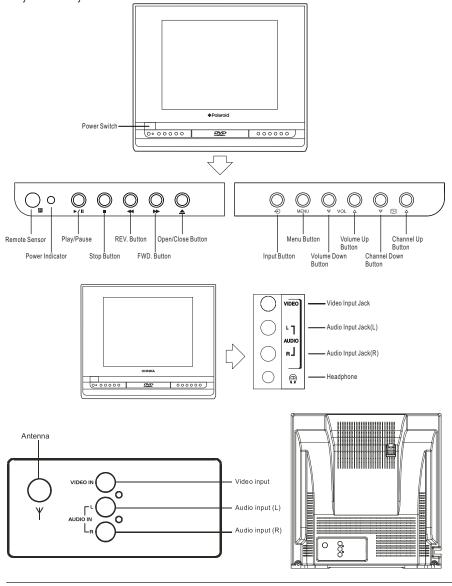
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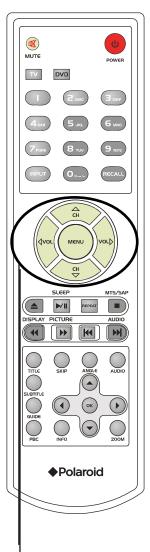
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# Overview of the function keys

Dear customer, please observe the function keys on the TV and refer to the following diagram to learn every function key.



# The Remote Control



Arrow buttons for TV Menu system

#### TV Function Buttons

**INPUT** Press it to switch between AV/DVD input and RF (antenna) input.

**TV** Press the button to select the remote control in the TV mode. **MUTE** Press the button to minimize the volume level. Press again to restore the original volume level.

 DISPLAY
 Press the button to display the channel information

 PICTURE
 Press the button to display the picture preset.

**SLEEP** Press the button to set the sleep timer.

**RECALL** Press the button to return the previous channel. If the unit is in menu mode, press the Go Back button to return previous menu screen.

 POWER
 Press the button to turn on and turn off the TV.

 VOL. (left and right) buttons
 Press the button to increase or decrease the TV volume.

CH (up and down) buttons Press the button to scan up or down the current channel list. Press once to select the channel up or down, press and hold to select your desired channel. If your TV is in standby mode, press these buttons to turn on TV. In AV mode, press these two buttons to switch to TV mode.
MENU Displays the TV's Main menu.(See page 7 for details.)
0-9 (Number buttons) Press number buttons to select a channel for example, to select channel 10, press 1 and 0 (interval time should be less than 1.5 seconds), the channel will change after 1.5 seconds. If you input "0" firstly, when input the second number, the channel will change to this channel number without

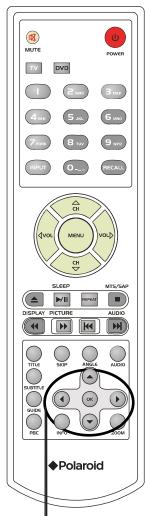
waiting, for example, to select channel 8, press 0 and 8, the channel will change immediately.

AUDIO Four preset audio settings for you to select (MEMORY /STANDARD/NEWS/MUSIC)

**MTS/SAP** This button is not activated for this model. **Other buttons:** The buttons on the remote control other than listed above are not available for TV function.

The Remote Control

# The Remote Control



Arrow buttons for DVD Menu system

#### **DVD Function Buttons**

DVD Press the DVD button to select DVD mode. POWER Press the button to switch on and switch off the power. VOL. (left and right) buttons Press the buttons to increase or decrease the TV volume. MUTE Press the button to minimize the volume level. Press again to restore the original volume level. **OPEN/CLOSE** A Press the button to open or close the DVD disc tray. PLAY/PAUSE ►/ II Press the button to start or pause the disc playback. Press the button again to resume playback. STOP Press the button to stop the disc playback. **INFO** Press the button to display the title, chapter and elapsed time information during disc playback. Press again to hide the display information **ZOOM** Press the button to zoom in or zoom out the picture during DVD disc playback. TITLE Press the TITLE button to display TITLE menu during DVD disc playback **REPEAT** Press the button to repeat a chapter or title on DVD or a track on Audio CDs. SKIP Press the button to skip to the specified chapter/track or time. See page 16 for details. Advances to the next chapter or track.

Reverses to the preceding chapter or track.

SUBTITLE Press the button to select a subtitle language.(only if the loaded disc is encoded with multiple Subtitle languages)

AUDIO Press the button to select audio soundtrack language. (only if the loaded disc is encoded with multiple languages)

ANGLE Press the button to select the camera angle of multiple screen shot.(only if the loaded disc is encoded with multiple camera angle)

PBC Press the button to turn the navigation OFF and the disc playback starts directly without entering the menu. Press again to turn GUIDE Press the button to display the DVD setup menu when the

DVD player is in stop mode.

**REV** Press the button to search backward through the disc during First Press repeatedly to increase the searching speed.
 FWD Press the button to search forward through the disc during disc playback. Press and hold the button to increase the searching speed

Arrow buttons(up, down, left, right) Press the buttons to

move through the on-screen menu system. OK button Press the button to select and highlight the desired item on the screen display.

Other buttons: The buttons on the remote control other than listed above are not available for DVD function.

#### TV Menus

TV Menus let you control picture quality and features available for TV viewing. There is a different menu system for DVD features, described on page 16.

Note: Remember to use the TV arrow buttons when accessing the TV's menu system. TV Menu Navigation

- 1. To bring up the TV's menu system, press the MENU button.
- 2. Press MENU button repeatedly to select PICTURE, SOUND, TUNING or FUNCTION submenu. 3. Press the  $\blacktriangle/\P$  buttons on the remote (or CH  $\blacktriangle/\P$  on the front of the TV) to select the option.
- 4. Use the arrow buttons **◄/**► on the remote (or the VOL▲/▼buttons on the front of the TV) to
- change the setting of the option.
- 5. Press the MENU button on the remote to exit the menu system.

		The PICTURE M	enu
PICTURE		The PICTURE m	enu allows you make adjustments to your
BRIGHTNESS CONTRAST COLOR SHARPNESS TINT COLOR TEMP	14 48 52 29 00	picture settings. BRIGHTNESS CONTRAST COLOR SHARPNESS	Adjusts the brightness of the picture. Adjusts the contrast between the light and dark areas of the picture. Adjusts the color intensity or saturation. Adjusts the sharpness of the picture.
	NORWAL	TINT COLOR TEMP	Adjusts the balance between the red and green levels. Provides three color adjustments: NORMAL, COLD(for more blue in the picture), and WARM (for more red in the picture).

SOUND		The SOUND Menu	
		The SOUND n	nenu offe
VOLUME	63	VOLUME	Decrea
TREBLE	32	TREBLE	Decrea
BASS	32	BASS	Decreas
BALANCE	00	BALANCE	Adjusts
SURROUND	ON	SURROUND	Turns th
STEREO	PASS	STEREO	Adjust o
		1	

THE SOUND IN	henu
The SOUND n	nenu offers different audio options.
VOLUME	Decreases/increases sound volume.
TREBLE	Decreases/increases high-pitched sound.
BASS	Decreases/increases low-pitched sound.
BALANCE	Adjusts left/right speaker balance.
SURROUND	Turns the surround sound on or off.
STEREO	Adjust different kinds of the stereo sound effect.

#### The TUNING Menu

CHANNEL

DELETE CH

SOURCE

The TUNING menu is used to adjust the signal source, channel	əl
setup and reception of the TV.	

TUNING	
<b>K</b> CHANNEL	8
DELETE CH	NO
SOURCE	AIR
LABEL	AAAAA
AUTO SEARCH	>>>

Use the VOL⊲/▷ buttons on the remote control (or the VOL△/▽ buttons on the front of the TV) to scroll through the channels available. You can enter the channel number directly using the number buttons. Select YES to remove the channel. Select NO to enter to the channel. Selects AIR or CABLE. Select AIR to receive a broadcast signal. Select CABLE to receive a CATV signal.

#### LABEL

To add a channel description:

1. Open the OSD and select the TUNING menu.

2. Enter the channel you want to add a description for in the CHANNEL option.

3. Select the LABEL option.

4. Press the VOL ⊳button, then enter the first character of your label.You can press the number button repeatedly in a interval of less than one second to select the character you want.For example, if you want to input 'L', you can press '5' four times rapidly.When you stop pressing, the cursor will move to the next character after one second.

5. Enter the rest of characters. After you enter the fifth character, you description is saved. You must enter the five characters, or the label will not be saved.

6. If you want to erase a description, repeat this task and press VOL  $\lhd$  button to delete the characters.

#### AUTO SEARCH

Starts channel search and stores the channels automatically. Use the VOL  $\triangleleft/\triangleright$  buttons on the remote control to begin the auto search. If you wish to stop the search before completed, press MENU.

The FUNCTION Menu

		The FUNCTIO			
FUNCTION		The FUNCTIO	N menu is used to setup specific features of the		
		TV including la	anguage and closed captioning.		
¥ LANGUAGE	ENGLISH	LANGUAGE Select the language (ENGLISH, FRAGACAIS,			
SCREEN CHILD LOCK	SAVER	ESPANOL) you want the TV menus to be			
CHILD LOCK	OFF		displayed in.		
V-CHIP	>>>	SCREEN	Turns the screen function on (BLUE BACK-		
		CORLER	GROUND and SCREEN SAVER) or off.		
			GROUND and SCREEN SAVERY OF OIL		
FUNCTION		CHILD LOCK	Select OFF to turn CHILD LOCK off.		
			Select ON to activate it. The CHILD LOCK		
¥ LANGUAGE	ENGLISH		feature takes effect after the TV is turned		
SCREEN CHILD LOCK	SAVER		off and back on again. The initial password		
CHILD LOCK	OFF		is MUTE+999. The initial password is used		
V-CHIP	>>>				
			to clear the current password and set a new		
			password, so this password must keep		
			secret, or else the password will lose		
			efficacy.		
		CCD	Offers eight closed captioned modes,		
V-CHIP		٦	including four text modes.		
v-CHIP		V-CHIP	Press VOL $ riangle$ button in front of the TV (or		
✗ CONFIRM PASS	WORD		VOL $\bigtriangledown$ button on the remote control to see		
⊋RETURN			the figure left.		
			•		
			remote control. V-CHIP menu can		
		_	not be displayed without inputting		
V-CHIP					
-	DN]		the right password. The initial word		
MPAA: [N/R] TVPG SETTING Ə RETURN			is 0358.		
		V-CHIP	Adjusts V-CHIP function on or off.		

Hi	MPAA	
N/R	No define	
G	All Children	
PG	Directed to old Children	
PG-13	General Audience	
R	Parental Guidance Suggested	
NC-17	No one under17 admitted	
х	No one under 17 admitted	

Select the MPAA ratings. (When select a movie rating, the system will automatically block all other movies with higher ratings.

TVPG SETTING RATING RATING CONTENT D:	[ON ] [TV-PG] [ON ] [ON ]
L: S: V: ⊋RETURN	[OFF] [OFF] [OFF]

# TVPG SETTING Press VOL ${\triangleleft}/{\triangleright}$ button on the remote control to go to TVPG SETTING.

⊋RETURN Return

Return to the previous menu

Hierarchy of Age-Based Ratings			Content Themes
TV-Y	All Children	D	Sexually explicit dialogue
TV-Y7	Directed to Children 7 years and older	FV	Fantasy violence
TV-G	General Audience		Adult language
TV-PG	Parental Guidance Suggested		
TV-14	Parents Strongly Cautioned	S	Sexual situations
TV-MA	Mature Audience Only	V	Violence

#### Playing Discs

**Regional Coding** 

The DVD player and the discs are coded by region. These regional codes must match in order for the disc to play.

This unit's code is Region 1. Discs with other regional codes can't be played in this unit.

#### Using Different Menus

Each disc is programmed with different features. There are two separate menu systems that you can use to access DVD features: the disc's menu and the DVD player's menu (separate from the TV's menu system). Remember that a feature only works if the disc was programmed with that feature. For example, if you choose subtitles, the subtitles only appear if the disc was created with subtitles. The DVD menu system is explained on page 16.

The Disc menu- The disc menu is part of each disc and is separate from the DVD player's menu system. The contents of each disc's menu vary according to how the disc was created and what features are included. Sometimes a disc's menu appears automatically when you insert the disc, or you can access it by pressing the MENU button.

Types of Discs Your DVD Will Play

DVD discs - Contain video.

Audio discs - Contain musical or sound content only (such as CD, CD-R, CD-RW). Before you load a disc, make sure that it is compatible with the player. Note that the following discs CANNOT be used with this player:

Laser disc CD-I, CD-ROM, DVD-ROM MiniDisc CD-G discs play audio only, not graphics

To Load and Play a Disc

- 1. Press the DVD button on the remote to make sure the unit is in the DVD mode.
- Press the (OPEN/CLOSE) button on the remote to open the disc tray. Place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place either side up).
- 3. Press the (OPEN/CLOSE) button again to close the disc tray.

The player reads the disc's table of contents, and then one of following happens depending on how the disc was programmed:

No disc menu appears, a screen saver is displayed. (Press the DVD button to put the player in DVD mode.)

The disc menu appears. (Highlight the PLAY option and press OK.)

The disc menu appears on the screen when you press . (Highlight PLAY and press OK.)

The disc starts playing automatically.

If no picture or screen saver is displayed, press the DVD button to put the player in the DVD mode.

#### Search Options

You can use the following search features with some discs:

#### Picture Scan

When you're playing a disc, each time you press ►► (Forward) or ◄◀ (Reverse), your DVD player scans the disc faster until you reach the fastest scan speed. To resume normal playback, press ►/II.

### Chapter Advance

While a DVD is playing, press be to advance to the next title or chapter. Press the ed button to go to the previous title or chapter.

#### **Playback Options**

With some discs, you can access playback features directly from the remote control.

#### Repeat 🕀

For DVD discs, press the REPEAT button on the remote to repeat a chapter. Press once more to repeat a title.

Press three times to repeat the entire disc disc, and press four times to cancel repeat: For audio CDs, press REPEAT to repeat a TRACK. Press REPEAT twice to repeat the entire (ALL) disc, and three times to cancel repeat.

#### Zoom

- 1. While you're playing a disc, press ZOOM (the player zooms in on the image). Each time you press ZOOM, the picture is magnified up to 4X.
- To see other parts of the picture when you've zoomed in on the image, try pressing the ▲/▼/◀/▶ buttons to go in corresponding directions.

#### **DVD** Information

Title/Chapter

To directly access a title or a chapter:

- Press SKIP button on the remote control repeatedly. Select Title or Chapter using the ◀/
   ▶,
- 2. Enter a title or chapter number using the numeric buttons. Note: Many discs only have one title.

#### Audio

Some discs have several audio tracks used for different languages.

To change the track and language during playback:

- 1. Press AUDIO button on the remote control repeatedly.
- 2. Choose a language your desired.

This option is only available if the disc offers a number of dialogue languages. When you change the dialogue language your choice of language is only applicable to the disc being played. When you eject the disc or switch off the player, the dialogue language will revert to the one you selected in the Preferences menu (see page 17)

#### Subtitles

Subtitles are disabled by default. To enable the subtitle function while the disc is playing; 1. Press SUBTITLE button on the remote control repeatedly.

2. Choose a language your desired.

When you change the language of the subtitles your choice of language only applies for the disc currently being played. When you eject the disc and switch off the player, the subtitles will be displayed again in the subtitle language you selected in the Preferences menu (see page 17)

#### Angle

Some discs offer different camera angles for specific scenes. To change the camera angle during playback:

1. Press ANGLE button on the remote control.

Press ANGLE button repeatedly to select the angle or enter an angle number using the numeric buttons.

If the disc was recorded using a single camera angle, this function is not available. There are very few discs offering more than one angle.

#### TT Time/CH Time

To directly access a location on the disc which does not correspond to the start of a title or a chapter:

1. Press SKIP button on the remote control twice.

2. Enter a time with the numeric buttons (format h:mm:ss).

#### Repeat

To select a playback mode while the disc is playing: Press REPEAT button on the remote control repeatedly to select a repeat playback mode.

#### Display Info

Press the INFO button repeatedly during playback to show:

DVD: Title elapsed time, Title remaining time, Chapter elapsed time, Chapter remaining time, Display Off.

VCD, SVCD and audio CD: Single elapsed time, Single remaining time, Total elapsed time, Total remaining time, Display Off.

# Note: A title or chapter can also be accessed by entering the number in the on-screen display.

#### DVD Menu System

The DVD player menu system lets you set up features for your DVD player. There is a different menu system that controls TV features (see page 7). The DVD setup menu is accessed with the GUIDE button.

Note: Remember to use the DVD arrow buttons when accessing the DVD player's menu system.

#### DVD Menu Navigation

- 1. Make sure the remote is in the DVD mode by pressing DVD button.
- 2. Press GUIDE. The General Setup Page menu is displayed.
- 3. Use the ◀ and ▶ buttons to display the different setup menus.
- Use the ▲ and ▼ buttons to highlight a menu or option item. Use ► button to access the submenu and the ▲ and ▼ buttons to highlight your selection. (Use ◄ button to go back the menu).
- 5. Press the OK button to confirm your selection.
- 6. Press GUIDE to exit the DVD menu system.

#### Setup Menus

These menus are used to set up TV screen format for DVD viewing and other DVD functions.

General Setup Page

	TV Display TV Display is used only when the TV/DVD is connected
General Setup Page	to another TV. Choose one of the following options:
TV Display PS	Normal/PS (Pan Scan): Select this option when the
Angle Mark On	TV/DVD is connected to a standard 4:3 aspect ratio
OSD Lang ENG	TV. A 16:9 wide screen picture is shown with some
Screen Saver On	of picture partly cut off.
Last Memory On	Normal /LB (Letter Box): Select this option when the
	TV/DVD is connected to a standard 4:3 aspect ratio
	TV. A full 16:9 wide screen picture is shown with black
Go To General Setup Page	bars on the top and bottom.
	Wide: Select this option when the TV/DVD is connected
	to a wide screen TV.

Angle Mark

The ANGLE MARK option is used when DVD discs contain scenes which have been shot simultaneously from a number of different camera angles.

Note: Currently, very few discs have this feature.

Use the ANGLE button on the remote control to access the Angle Mark.

ON: Select if the DVD disc contains camera angles. An angle symbol appears on the screen. OFF: Select if the DVD disc does not contain angles.

#### OSD Lang

The OSD Lang controls the language used to display text in the DVD system menus. The default setting is English. Language options available are English, French, Italian, Portuguese, Spanish and Russian.

**Playing Discs** 

Screen Saver The Screen Saver is a graphic that randomly moves around the screen to guard against screen burn-in. ON: Screen saver turned on. OFF: Screen saver turned off.

Last Memory

The Last Memory feature enables you to resume play at the same point at which you stopped playback, even if the disc is removed and re-inserted. ON: Resumes play from where the disc was last stopped. OFF: Plays from the beginning.

The Speaker Setup Page

Speaker Setup Page	
Downmix	g
Dual Mono	
Dynamic	

#### Downmix

Downmix allows you to downmix audio to a receiver and generate a multi-channel or stereo sound.

LT/RT: Select this option when connecting the TV/DVD to an audio system with Dobly Pro-Logic.

Stereo: Select this option when connecting the TV/DVD to and audio system that does not have Dolby Pro-Logic.

Go To Speaker Setup Page

Dual Mono

Dual Mono give you a fuller, better balance of audio based on the disc that you are playing. Stereo: Select this option to output audio from the left and right channels to the left and right speakers.

L-Mono: Select this option to output audio from the left channel to the two front speakers. R-Mono: Select this option to output audio on the right channel to the two front speakers. Mix -Mono: Select this option to hear a mixture of the left and right channels on each of the two speakers.

Speaker S	etup P	age
Downmix	-	- FULL
Dual Mono	-	- 3/4
Dynamic	-	- 5/4
	-	- 1/2
	-	
	-	- 1/4
	-	
	-	
Set DRC Off		

#### Dynamic

This feature allows you to reduce the range between loud and low sounds to your personal preference. It increase the lowest sounds and quiets the loudest sounds. Default setting is OFF.

Use the arrow buttons to access and change the dynamic setting and press OK to confirm.

#### Preference Page

Preference Page	
PBC	On
Audio	ENG
Subtitle	ENG
Disc Menu	ENG
Default	
Go To Preference Page	

4

#### PBC (Playback Control)

The Playback Control function turns the Navigate feature ON or OFF. In the OFF mode, the disc begins playback without entering the disc's menu. In the ON mode, you must select play in the disc's menu.

OFF: The disc begins playback without entering the disc's menu.

ON: You must select Play in the disc's menu.

#### Audio

Some discs are recorded with different languages. You can select a default language so discs will play in the language of your choice, if the disc was recorded with multiple tracks. Language choice are: English, French, German, Spanish, Chinese, Japanese, Korean. Note: Discs are created differently and not all discs are recorded with multiple languages.

The DVD player cannot override some language preferences. If a disc's software was created to play the movie (title) in a preferred language, the preference you set might be ignored. Also, if the language isn't available on the movie you're playing, the disc's default language is chosen.

#### Subtitle

This option allows you to select a language used to display subtitles (if subtitles are turned on and are available on the disc). Language choices are: English, French, German, Spanish, Chinese, Japanese, Korean, Russian.

Note: Not all discs offer subtitles with multiple languages.



#### Disc Menu

This option allows you to select a default language for the disc's menu. Language choices are: English, French, German, Spanish, Chinese, Japanese, Korean.

Preference Page -	-
PBC	On
Audio	ENG
Subtitle	ENG
Disc Menu	ENG
Default	

#### Default

The DEFAULT option restores the setup options to the factory settings, with the exception of password. This option is available only in the stop mode or when the disc tray is open.

Playing Audio CDS

Your DVD player has many of the same features as an audio CD player. This section explains how to play audio CDs in your TV/DVD player.

#### Scan Disc

You can scan through the disc when you're playing it by doing the following:

1. Press the ▶▶ (Fast Forward) or ◄◀ (Reverse) button on the remote.

2. Press the button again to scan at a faster speed.

3. Press the ▶/ II PLAY/PAUSE button at any time to resume normal playback.

Track Advance or Reverse

- 1. Press the provide the playing a disc.
- 2. Each time you press the button, the CD advances (or reverses) one track.

#### Pause

- 1. Press the ►/ II PLAY/PAUSE button when a disc is playing to pause the disc.
- 2. Press it again to resume normal playback.

#### **Playing Picture CDs**

Insert a picture CD into the disc tray. The pictures on the CD are played in a slide show. 1. To stop on a certain picture, press ►/ II PLAY/PAUSE.

2. Press the arrow keys to rotate the picture.

Playing CD Files (JPEG)

When a CD with JPEG files is inserted, a File Manager window is displayed.

The DVD player automatically begins playback of the files on the disc. Use the arrow buttons to navigate through the folders and select files for playback.

When displaying JPEG files, press **>>** (Fast Forward) repeatedly to change the speed of the slide show.

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## Troubleshooting

#### Troubleshooting

Most problems you encounter with your TV/DVD can be corrected by consulting the following troubleshooting list.

# TV Problems

TV won't turn on

Press the POWER button.

Make sure the TV is plugged in.

Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.

Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on page 21.

#### Button don't work

If you're using the remote control, press the TV button first to make sure the remote is in TV mode.

Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again. TV turns off unexpectedly

Sleep timer might have been activated.

Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low. Unplug the TV and wait five minutes, then plug it in again.

#### Blank screen

Try another channel.

No sound, picture okay

Maybe the sound is muted. Try pressing the volume up button to restore sound. Can't select certain channel

Channel may be blocked or not approved through the V-CHIP (Parental Control).

Noisy stereo reception

Maybe a weak station. Access the SOUND menu (see page 7), highlight MODE and then choose MONO.

No picture, no sound but TV is on

Maybe the signal type (SOURCE) is set wrong. Go to page 8 for detailed instructions. The channel might be blank- change channels.

If in DVD mode, press TV, then the INPUT button twice for the CABLE or AIR channels. Sound okay, picture poor

Check antenna connections. Make sure all of the cables are firmly connected to the jacks. Try adjusting sharpness function to improve weak signals.

Black box appears on the screen

Closed caption might be on.

Troubleshooting

#### Troubleshooting

#### The Remote Control Doesn't Work

Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.

Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote.

You might need to reset the remote: remote batteries and press the number 1 button for at least 60 seconds. Release the 1 button, and replace the batteries. Make sure remote is in the correct mode (TV or DVD).

Problems with V-Chip/Parental Controls

#### The rating limits don't work

You must activate the settings.

I don't remember my password and I want to unlock the TV

If you forget your password you can reset it. Enter 0358 as the password and then change it to a new one.

#### **DVD** Problems

Can't advance through a movie

You can't advance through the opening credits and warning information that appear at the beginning of movies because the disc is programmed to prohibit that action.

The invalid icon appears on screen

The feature or action cannot be completed at this time for one of the following reasons: The disc's software restricts it.

The disc's softwate doesn't support that feature (e.g., angles).

The feature is not available at the moment.

You've requested a title or chapter number that is out of range.

The picture is distorted

The disc might be damaged. Try another disc.

If you're using forward or reverse buttons, it is normal for some distortion to appear while scanning.

A screen save appears on the TV/DVD screen

Your player is equipped with a screen saver that appears on the TV after your player has been idle for several minutes. To make it disappear, go to the General Setup Page menu and turn the Screen Saver feature to off.

Subtitle and /or audio language is not the one selected from the initial setting

If the subtitle and/or audio language does not exist on the disc, the initial settings will not be seen/heard. The disc's priority language is selected instead. Set the subtitle and/or audio language manually through the DVD player's menu.

# Other Information

The menu is displayed in a foreign language

The OSD Lang option is set to that language. Go to the General Setup Page menu and select the OSD Lang. Select the language you prefer.

No forward or reverse scan

Some discs have sections that prohibit rapid scanning, or title and chapter skip. If you're trying to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.

Disc won't eject

When you put a disc into the player, the player might take up to 15 seconds to read the disc. You won't be able to eject the disc during this time. Wait 15 seconds and try again.

Switching back to TV mode when in DVD mode

Press the TV button on the remote and then the INPUT button until the Cable/ Aire channels are displayed.

Other Information

# Other Information

### Recommendations and Information Concerning Discs

#### CD-R and CD-RW Discs

This player can play most CD-R and CD-RW discs. However, depending on the recorder of the discs of your personal computer, the type of disc and recording method used, some discs might not play, or the performance might not meet the expected standard of quality. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognize the disc before it plays. If the disc is not recognized after a period of 20 seconds, remove the disc, and then insert it again. If after several trials, the disc cannot be recognized, make sure you have followed the recommendations below or try another type of disc.

Whatever the actual recording capacity of a disc, do not fill it to maximum capacity. Use CD-R discs rather than CD-RW (re-recordable CDs), as replay of CD-RWs may sometimes not work properly.

Use a reliable and good quality recording software.

Before recording on a disc, close all applications on your personal computer in order to optimize the quality and reliability of recordings on the disc.

# Other Information

#### Additional Information

#### Maintenance of Cabinet

For safety reasons, when cleaning hte cabinet be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.
- Formation of Condensation

Due to sharp changes in temperature and humidity, condensation may form if warm air comes in contact with any cold part's inside the player.

When condensation forms inside the player, the player may not operate correctly. If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.

If condensation forms on a disc, wipe the disc with a soft, dry cloth by moving the cloth from the center hole toward the outer edge.

#### Handling Discs

Don't touch the disc's date surfaces. Hold by the edges or by one edge and the hole in the center.

Don't affix labels or adhesive tape to label surfaces. Don't scratch or damage the label. Do not use damage (cracked or warped) discs.

#### **Cleaning Discs**

Dirty discs can cause reduced video and audio performance. Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.

If a disc becomes dirty, wet a soft cloth in water, wring it out well. Wipe the dirt away gently, and remove any water drops with a dry cloth.

Do not use record-cleaning sprays or anti-static agents on discs. Also, never clean the discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

Handling Cautions

Before connecting other components to this player, be sure to turn all components off. Don't move the player while a disc is being played. The disc may get scratched or broken, and the player's internal parts may be damaged.

Don't put any container filled with liquid or any small metal objects on the player.

Be careful not to put your hand into the disc tray.

Don't place anything other than a disc in the disc tray.

Exterior influences such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again with the POWER button, or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.

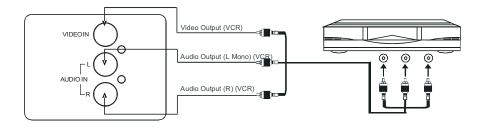
Be sure to remove the disc and turn off the player after use.

# External connection

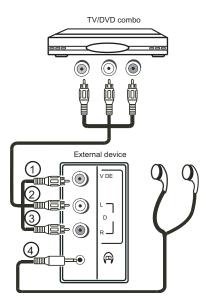
The unit can be simultaneously connected to VCR, LD player, VCD player, video camera and other audio-video equipments for the better quality picture.

For the monaural devices, connect audio lead to Audio (L) jack

1. Under AV1 connection, connect the external equipment to the back panel of the unit as shown in the figure below:



2. The side A/Vjacks correspond to AV2 video mode.



External connection

# Specifications

Model	TDX - 142
Color system	NTSC
Power Supply	~120V 60Hz
Power consumption	85W
Picture tube	14"
Audio output	2X1W
Tuner type	181 channels, Quarts PLL Frequency synthesized
Remote type	Infrared, direct access 43 keys, two batteries of AAA 1.5VX2
Channel coverage	VHF 2-13
	UHF 14-69
	CATV 1-125
Antenna input impedance	75ohm (VHF/UHF/CATV)
Dimensione	17.2" X16.6" X 14.6" (TV)
Dimensions (LXWXH)	7.4" X2.0" X0.9" (Remote Control)
Woight	28.6lbs (TV)
Weight	0.24lbs (Remote Control)

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Specifications

